What is claimed is:

1. A support comprising an enzyme and a protecting agent for the enzyme fixed thereon.

2. The support according to Claim 1, wherein the protecting agent is at least one chemical compound selected from the group consisting of trehalose and derivatives thereof.

3. The support according to Claim 1 or 2, further comprising an enhancer for enzymatic reaction.

4. The support according to any one of Claims 1 to 3, further comprising an aptamer for the enzyme.

5. A support comprising an enzyme and an aptamer for the enzyme fixed thereon.

6. The support according to any one of Claims 1 to 5, wherein the enzyme is a DNA polymerase.

7. The support according to Claim 6, further comprising a primer for the amplification of a nucleic acid of interest by a nucleic acid amplification reaction using the DNA polymerase.

8. The support according to Claim 6, further comprising at least one member selected from the group consisting of a nucleic acid which serves as a template for the nucleic acid amplification reaction using the DNA polymerase, a primer for the amplification of the nucleic acid, and a buffer for the nucleic acid amplification reaction.

9. A printed material comprising a support as recited in any one of Claims 1 to 8.

10. A reagent kit comprising a support as recited in any one of Claims 1 to 8.

11. A method for preparation of a support as recited in Claim 1, comprising: preparing a mixed solution of an enzyme and a protecting agent for the enzyme; applying the solution onto a support; and drying the support to fix a mixture of the enzyme and the protecting agent on the support.

12. A method for restoration of an enzyme fixed on a support, comprising: immersing a support as recited in any one of Claims 1 to 8 in a liquid to leach out the enzyme into the liquid.

13. A method for amplification of a nucleic acid, comprising: placing a support as recited in any one of Claims 6 to 8 in a liquid to leach out a DNA polymerase from the support; and performing a nucleic acid amplification reaction using the DNA polymerase.